

CHAPTER 8

RIGGING 12 MISSILE OVERPACKS IN AN A-22 CARGO CONTAINER FOR HIGH-VELOCITY AIRDROP

8-1. Description of Load

Twelve TOW missiles in overpacks are rigged in an A-22 cargo bag for a high-velocity airdrop. The load requires either one 26-foot, high-velocity cargo parachute or one 22-foot extraction parachute (packed for high-velocity airdrop). This load can be airdropped

from a C-130 or C-141 aircraft.

8-2. Rigging A-22 Cargo Bag

Using a standard A-22 cargo bag, rig the load as described below.

a. Preparing Skid and Honeycomb. Prepare the skid and honeycomb as shown in Figure 8-1.

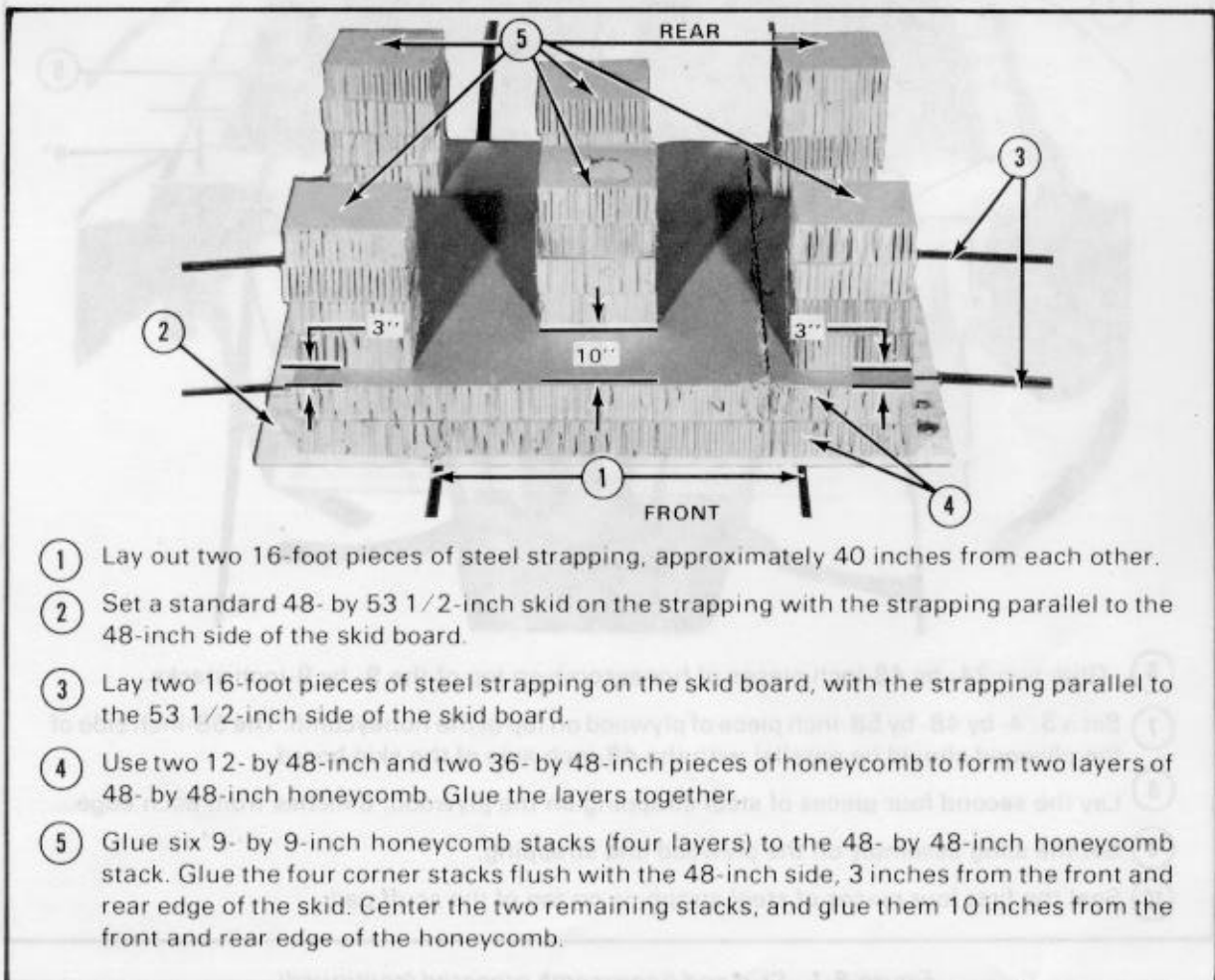


Figure 8-1. Skid and honeycomb prepared

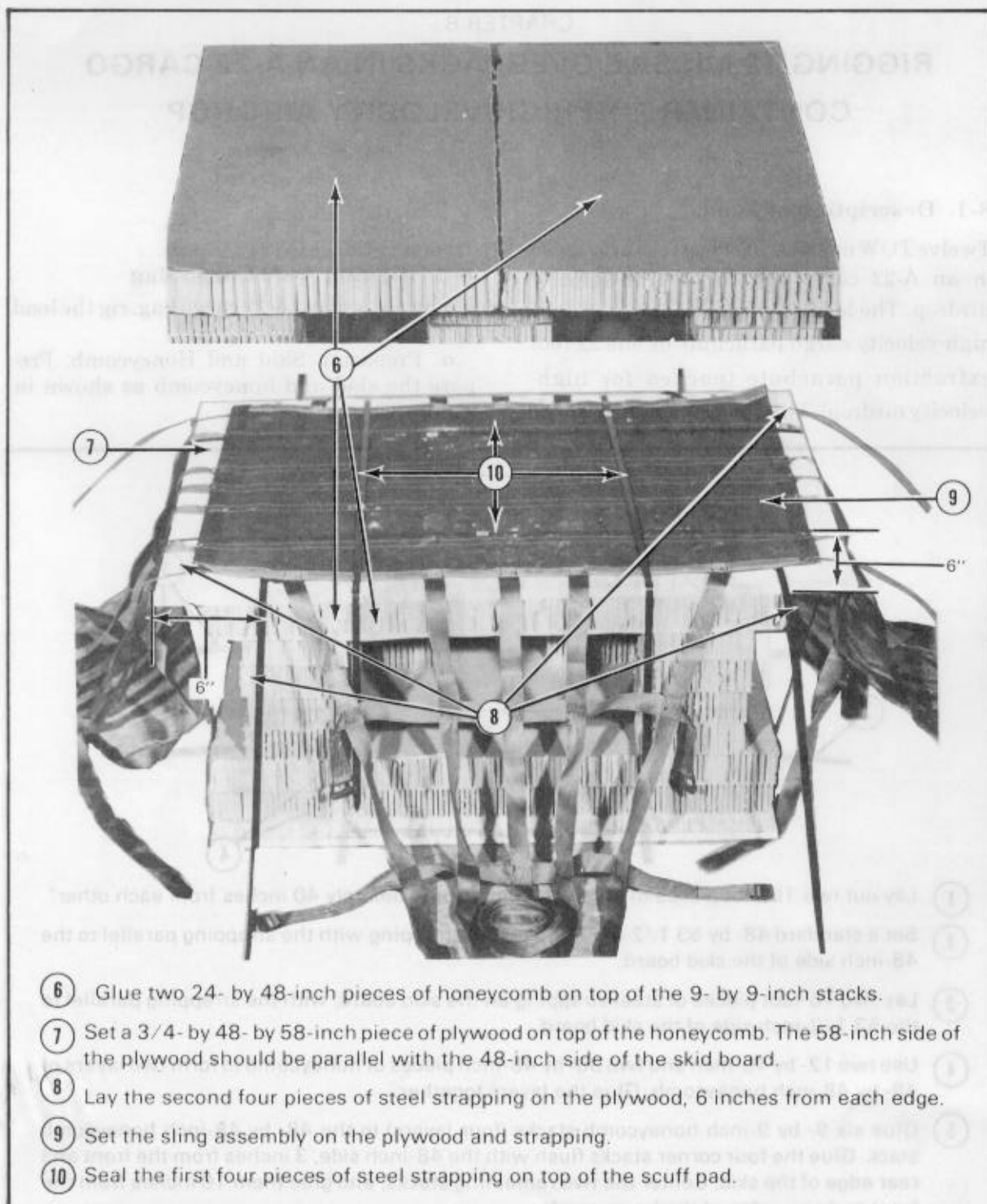


Figure 8-1. Skid and honeycomb prepared (continued)

b. Positioning and Securing Missiles.
Position and secure the missiles as shown in Figure 8-2.

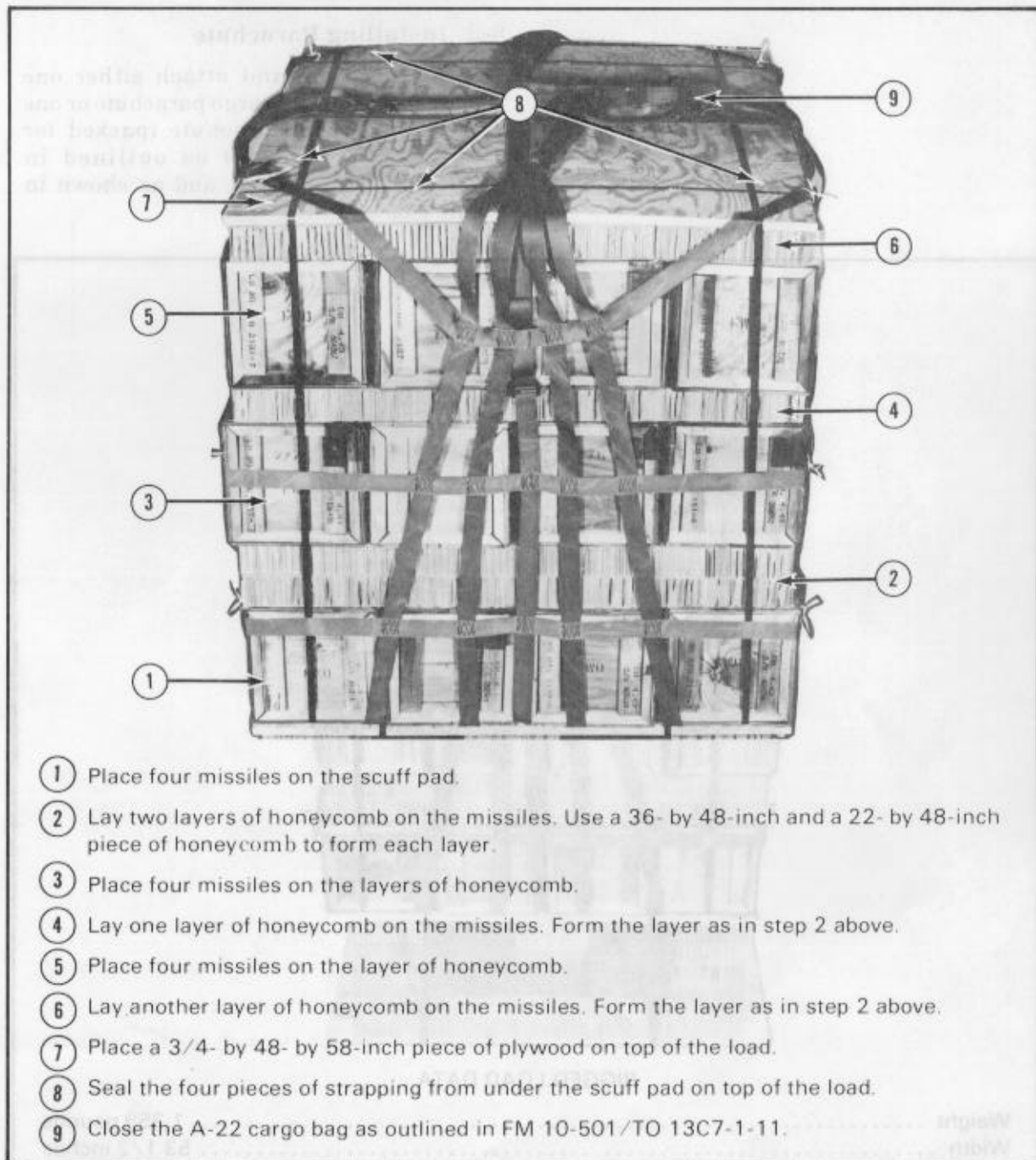


Figure 8-2. Missiles positioned and secured

c. Closing A-22 Cargo Bag. Complete the rigging of the A-22 bag as outlined in FM 10-501/TO 13C7-1-11 and as shown in Figure 8-3.

8-3. Installing Parachute

Prepare, position, and attach either one 26-foot, high-velocity cargo parachute or one 22-foot extraction parachute (packed for high-velocity airdrop) as outlined in FM 10-501/TO 13C7-1-11 and as shown in Figure 8-3.



RIGGED LOAD DATA

Weight	1,359 pounds
Width	53 1/2 inches
Height	83 inches
Length	58 inches

Figure 8-3. Twelve missile overpacks in an A-22 cargo bag rigged for high-velocity airdrop

8-4. Equipment Required

The equipment needed to rig this load is listed in Tables 6-4 and 8-1. Use the equipment listed in both tables to prepare each A-22 bag.

Table 8-1. Equipment required to rig 12 missile overpacks in an A-22 cargo bag for high-velocity airdrop

National Stock Number	Item	Quantity
8040-00-273-8713	Adhesive, paste, 1-gal	As required
1670-00-587-3421	Bag, cargo, aerial delivery, type A-22	1
1670-00-753-3928	Pad, energy-dissipating, honeycomb, 3- by 36- by 96-in:	5 sheets
	9- by 9-in	(24)
	12- by 48-in	(2)
	22- by 48-in	(2)
	24- by 48-in	(2)
	36- by 48-in	(5)
	Parachute, cargo, high-velocity:	
1670-00-872-6109	21-ft or	1
1670-00-687-5458	22-ft (extraction parachute packed for high-velocity airdrop)	1
1670-00-216-7297	Pilot Parachute, cargo type, 5-ft 8-in diam	1
5530-00-128-4981	Plywood:	
	3/4- by 48- by 53 1/2-in	(1)
	3/4- by 48- by 58-in	(2)
8135-00-283-0667	Strapping, steel, 5/8-in	As required
7510-00-266-5016	Tape, adhesive, 2-in	As required
8310-00-917-3945	Thread, cotton, ticket number 5	As required
8305-00-268-2411	Webbing, cotton, 80-lb	As required
8305-00-082-5752	Webbing, nylon, tubular, 1/2-in	As required